

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
 Data File : BF132138.D
 Acq On : 19 Jan 2023 01:56
 Operator : CG\JU
 Sample : 01190-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-9

Quant Time: Jan 19 05:25:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:42:19 2023
 Response via : Initial Calibration

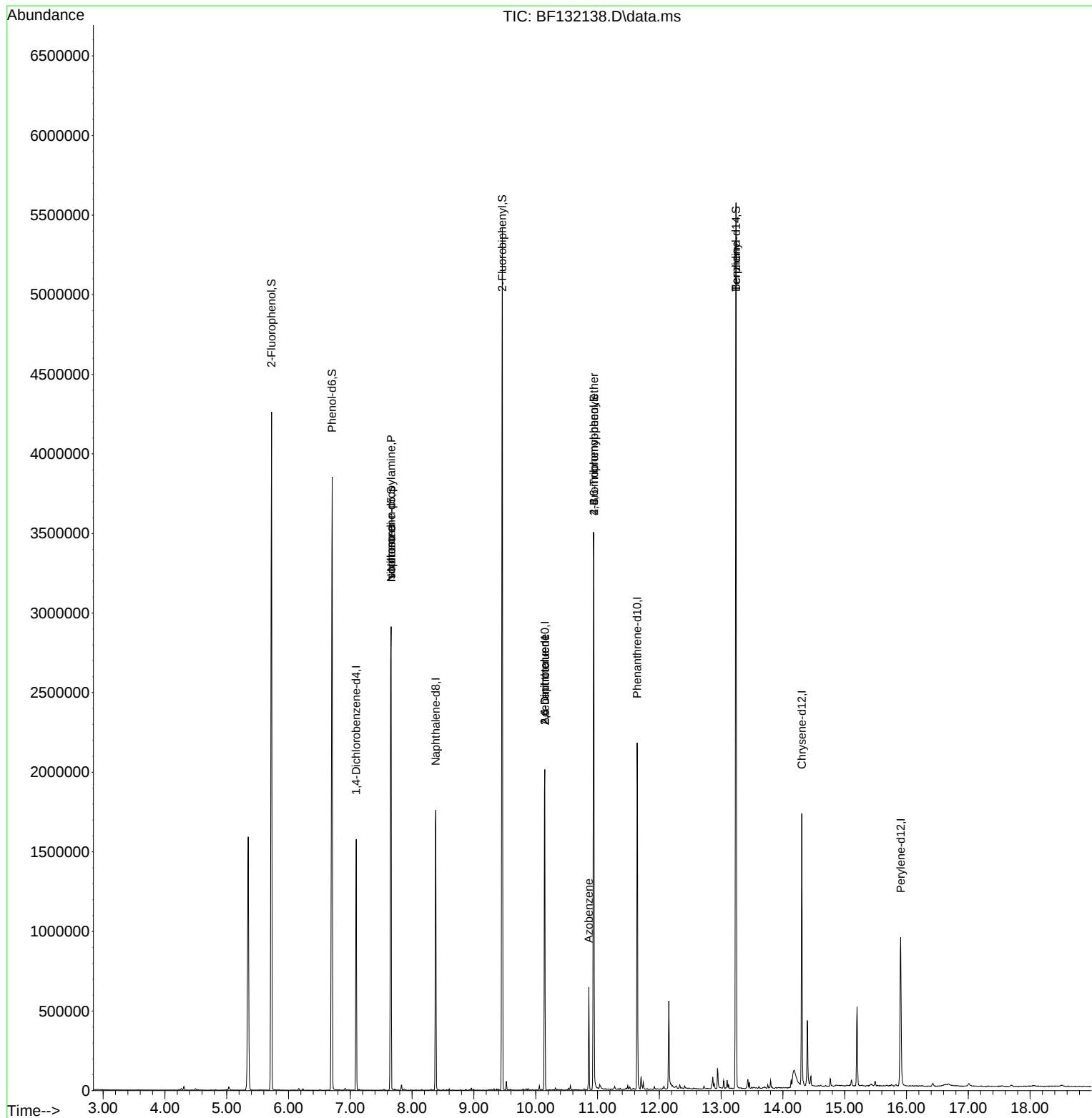
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.095	152	205174	20.000	ng	0.00
21) Naphthalene-d8	8.383	136	741112	20.000	ng	0.00
39) Acenaphthene-d10	10.148	164	407682	20.000	ng	0.00
64) Phenanthrene-d10	11.642	188	803905	20.000	ng	0.00
76) Chrysene-d12	14.307	240	552191	20.000	ng	0.00
86) Perylene-d12	15.906	264	472983	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.725	112	1128696	97.873	ng	0.00
7) Phenol-d6	6.707	99	1451460	97.425	ng	0.00
23) Nitrobenzene-d5	7.660	82	973702	69.739	ng	0.00
42) 2,4,6-Tribromophenol	10.942	330	454960	101.996	ng	0.00
45) 2-Fluorobiphenyl	9.460	172	1600746	68.316	ng	0.00
79) Terphenyl-d14	13.242	244	1945674	57.171	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.660	70	130715	13.956	ng	# 78
25) Isophorone	7.660	82	972950	34.827	ng	# 66
51) 2,6-Dinitrotoluene	10.148	165	52740	8.365	ng	# 17
57) 2,4-Dinitrotoluene	10.148	165	52740	6.773	ng	# 16
63) Azobenzene	10.860	77	94717	3.277	ng	# 1
67) 4-Bromophenyl-phenylether	10.942	248	28502	3.121	ng	# 1
77) Benzidine	13.242	184	31369	2.110	ng	# 94

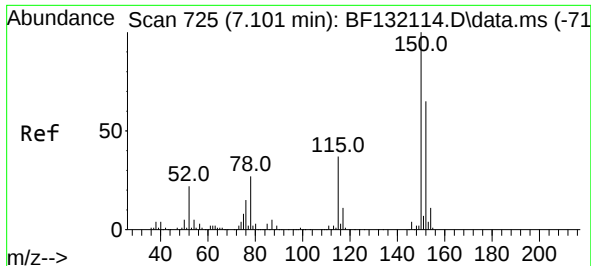
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011823\
Data File : BF132138.D
Acq On : 19 Jan 2023 01:56
Operator : CG\JU
Sample : 01190-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PE-9

Quant Time: Jan 19 05:25:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 00:42:19 2023
Response via : Initial Calibration

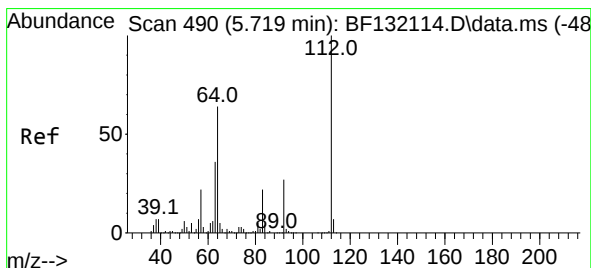
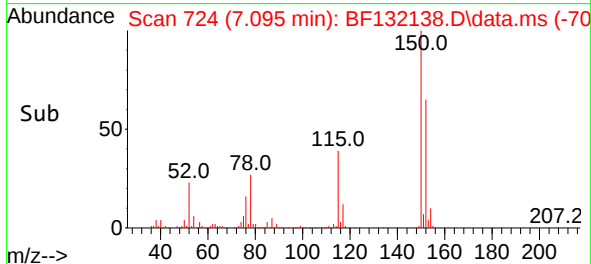
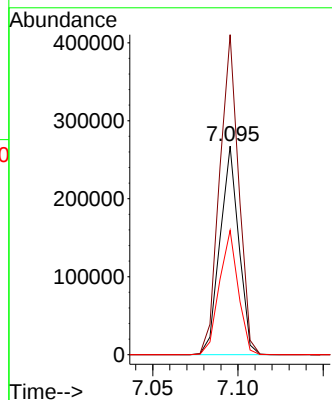
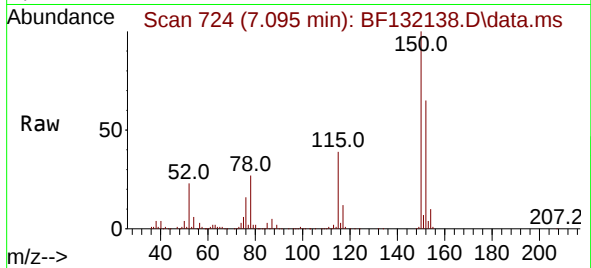




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.095 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

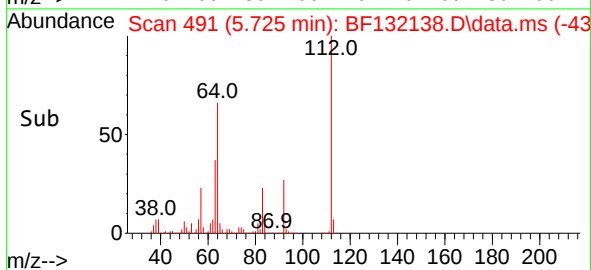
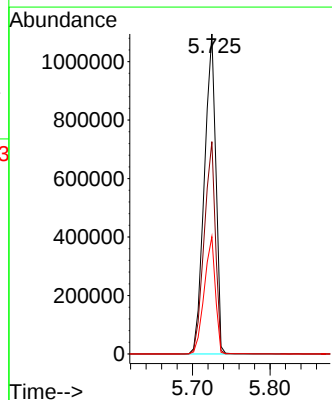
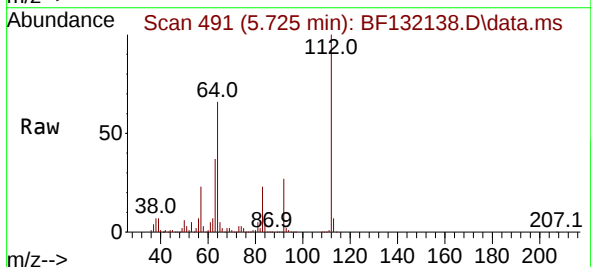
Instrument :
BNA_F
ClientSampleId :
PE-9

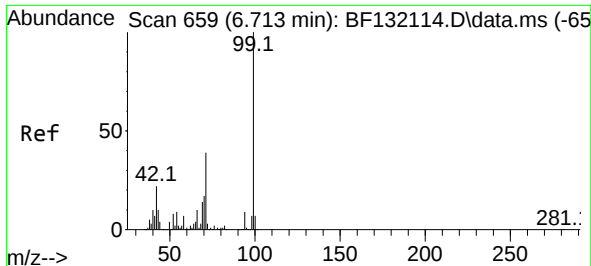
Tgt Ion:152 Resp: 205174
Ion Ratio Lower Upper
152 100
150 153.5 123.3 184.9
115 59.6 45.8 68.6



#5
2-Fluorophenol
Concen: 97.873 ng
RT: 5.725 min Scan# 491
Delta R.T. 0.006 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

Tgt Ion:112 Resp: 1128696
Ion Ratio Lower Upper
112 100
64 66.4 51.0 76.6
63 36.6 28.7 43.1

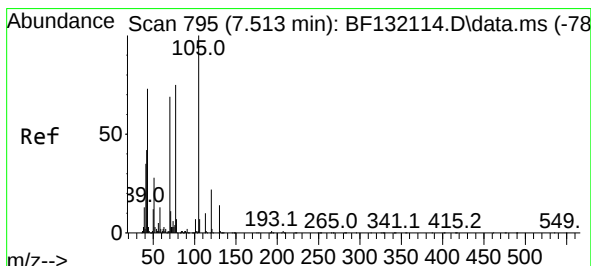
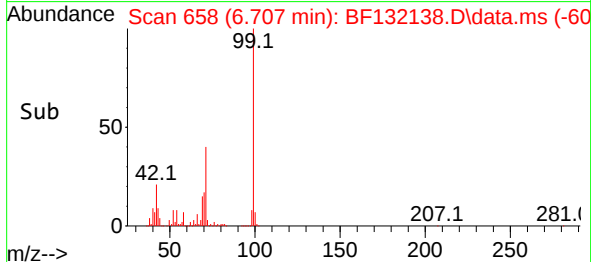
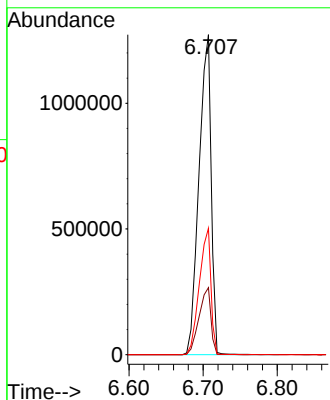
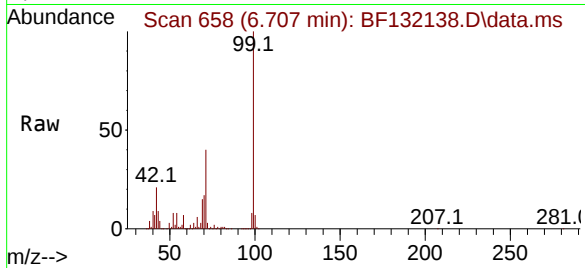




#7
Phenol-d6
Concen: 97.425 ng
RT: 6.707 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

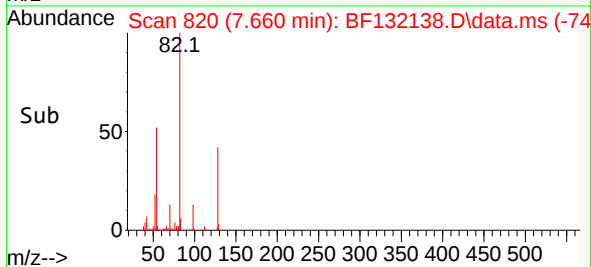
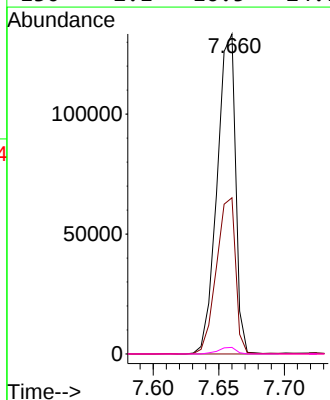
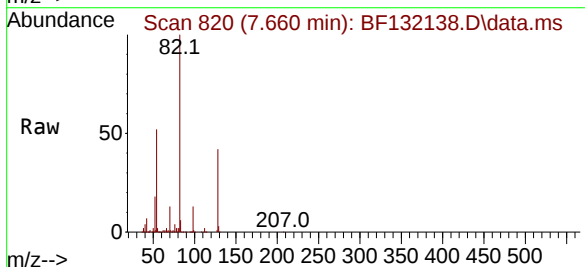
Instrument :
BNA_F
ClientSampleId :
PE-9

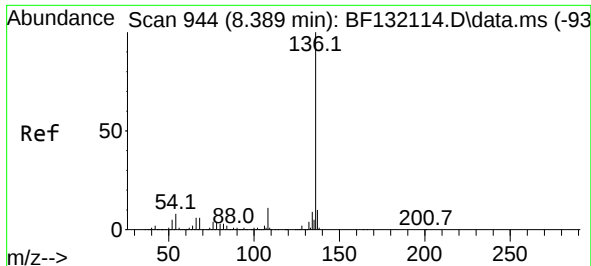
Tgt Ion: 99 Resp: 1451460
Ion Ratio Lower Upper
99 100
42 21.0 17.2 25.8
71 39.5 31.0 46.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.956 ng
RT: 7.660 min Scan# 820
Delta R.T. 0.147 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

Tgt Ion: 70 Resp: 130715
Ion Ratio Lower Upper
70 100
42 48.8 48.5 72.7
101 0.0 7.8 11.8#
130 2.1 16.5 24.7#

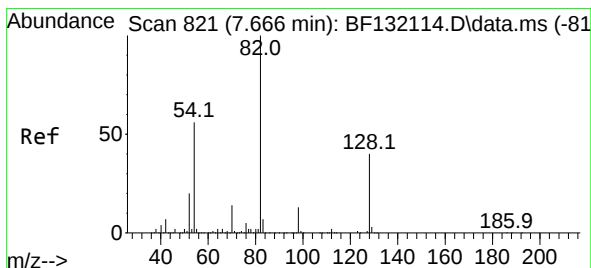
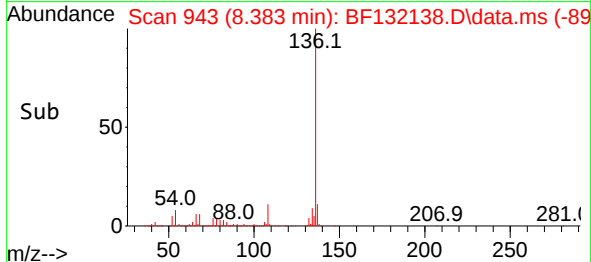
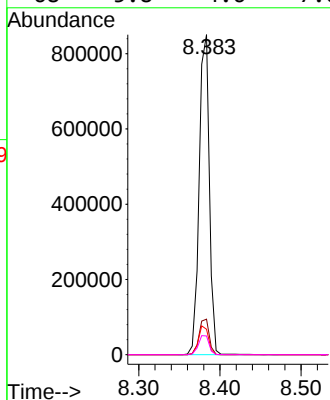
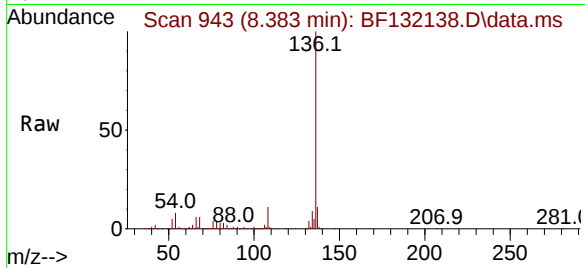




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.383 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

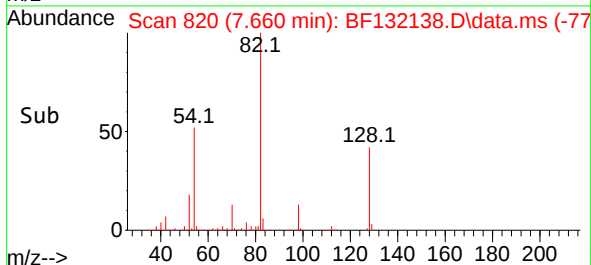
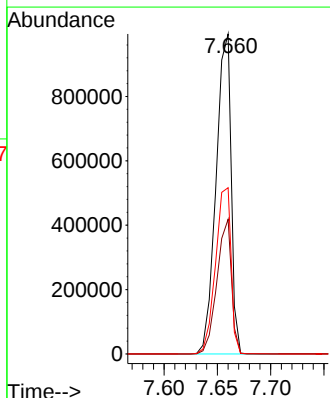
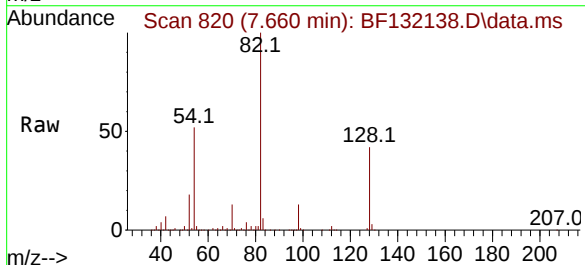
Instrument :
BNA_F
ClientSampleId :
PE-9

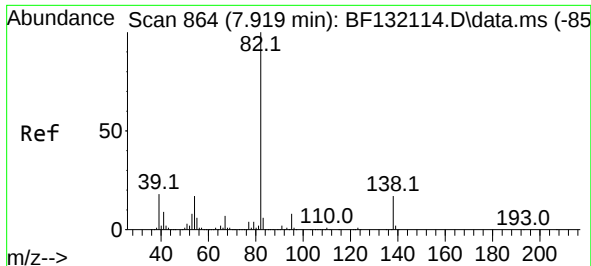
Tgt Ion:136 Resp: 741112
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.9 6.6 10.0
68 5.8 4.6 7.0



#23
Nitrobenzene-d5
Concen: 69.739 ng
RT: 7.660 min Scan# 820
Delta R.T. -0.006 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

Tgt Ion: 82 Resp: 973702
Ion Ratio Lower Upper
82 100
128 42.1 32.0 48.0
54 52.0 45.1 67.7

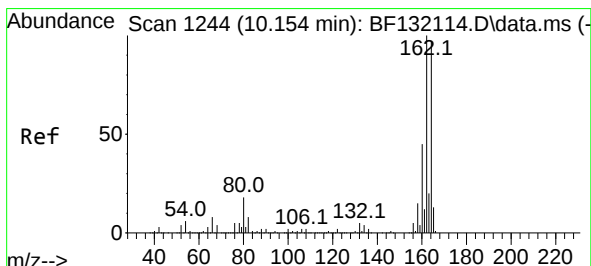
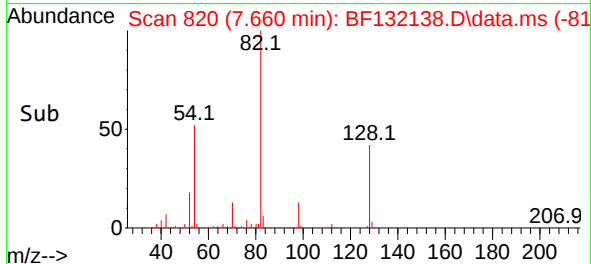
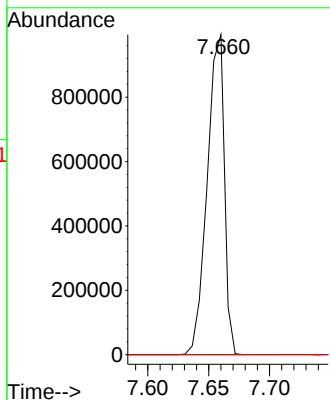
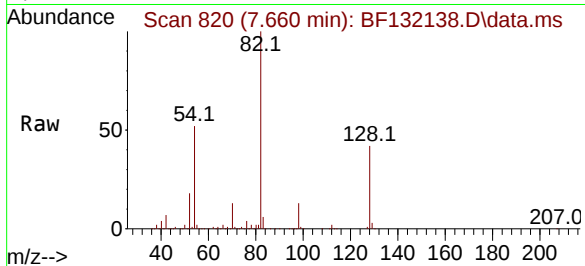




#25
Isophorone
Concen: 34.827 ng
RT: 7.660 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

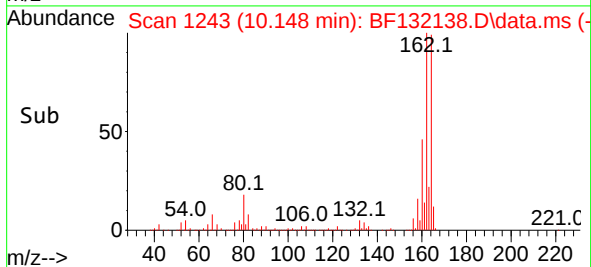
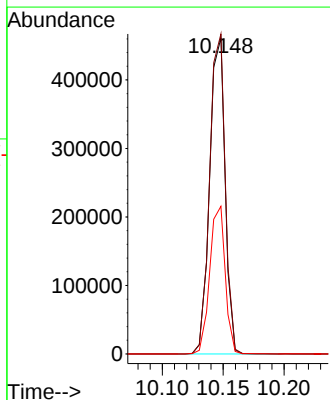
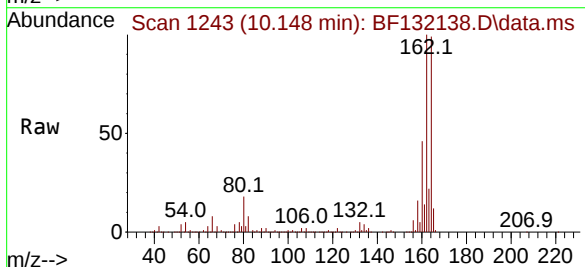
Instrument :
BNA_F
ClientSampleId :
PE-9

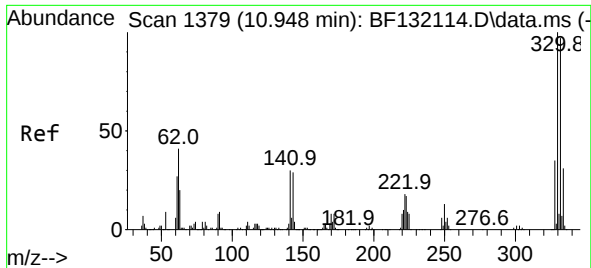
Tgt Ion: 82 Resp: 972950
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.148 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF132138.D
Acq: 19 Jan 2023 01:56

Tgt Ion:164 Resp: 407682
Ion Ratio Lower Upper
164 100
162 101.3 82.3 123.5
160 46.7 37.3 55.9





#42

2,4,6-Tribromophenol

Concen: 101.996 ng

RT: 10.942 min Scan# 1127

Delta R.T. -0.006 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

Instrument :

BNA_F

ClientSampleId :

PE-9

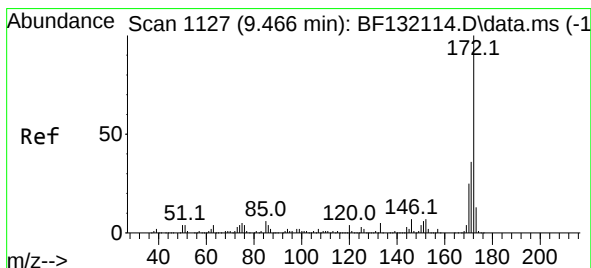
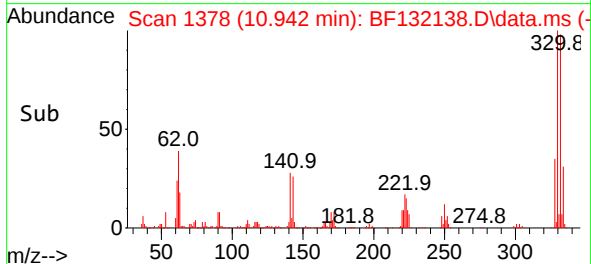
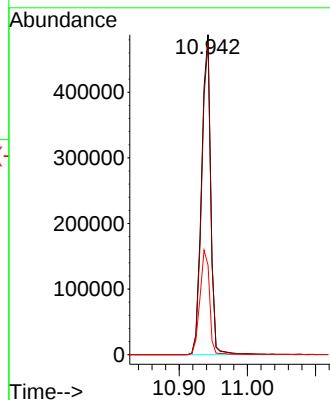
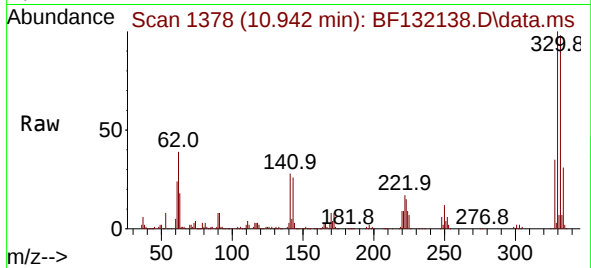
Tgt Ion:330 Resp: 454960

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 34.0 28.2 42.4



#45

2-Fluorobiphenyl

Concen: 68.316 ng

RT: 9.460 min Scan# 1126

Delta R.T. -0.006 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

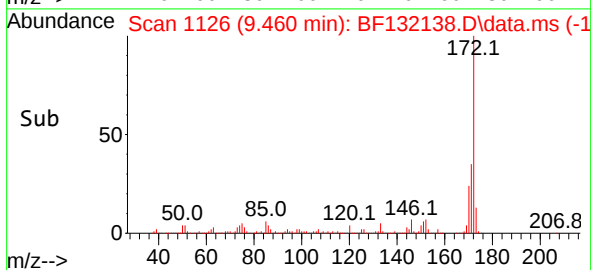
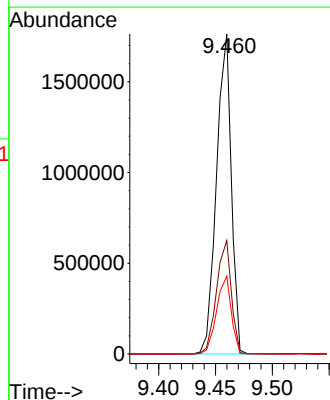
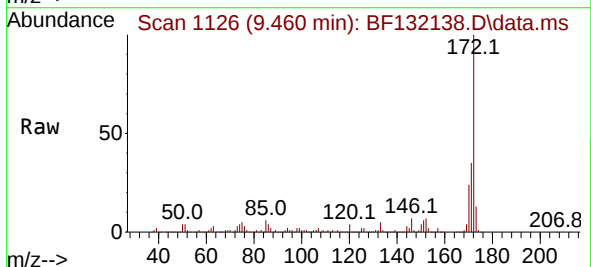
Tgt Ion:172 Resp: 1600746

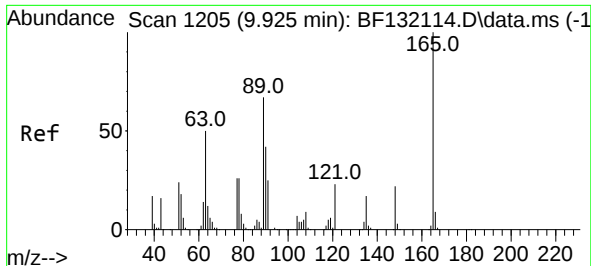
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.4

170 24.3 19.7 29.5





#51

2,6-Dinitrotoluene

Concen: 8.365 ng

RT: 10.148 min Scan# 1243

Delta R.T. 0.224 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

Instrument :

BNA_F

ClientSampleId :

PE-9

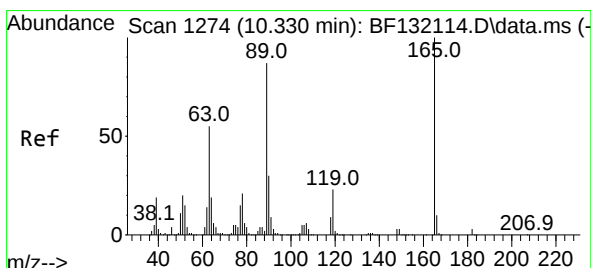
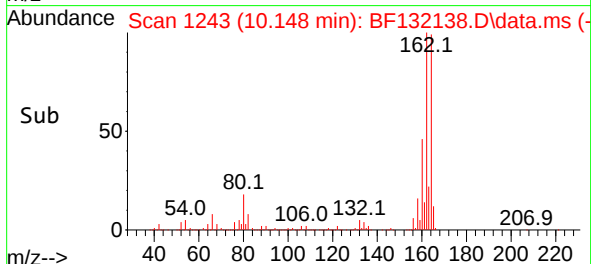
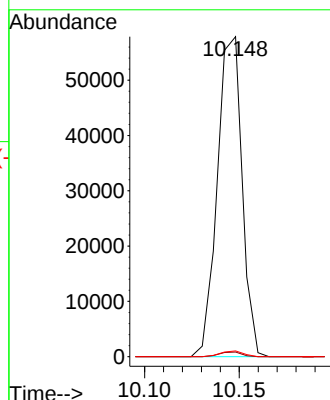
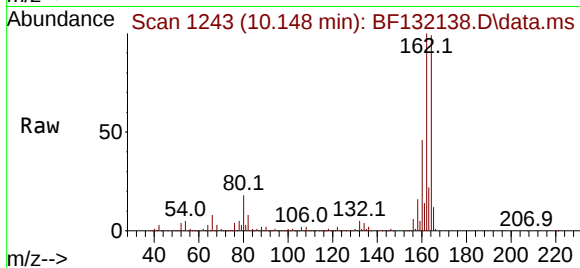
Tgt Ion:165 Resp: 52740

Ion Ratio Lower Upper

165 100

63 1.5 57.0 85.4#

89 1.8 54.0 81.0#



#57

2,4-Dinitrotoluene

Concen: 6.773 ng

RT: 10.148 min Scan# 1243

Delta R.T. -0.182 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

Tgt Ion:165 Resp: 52740

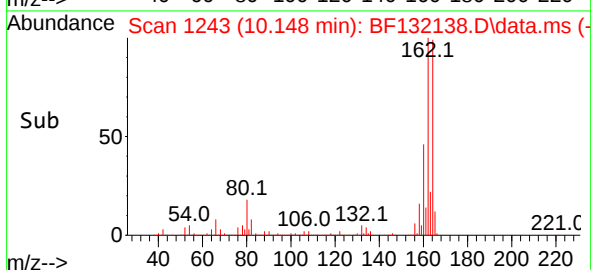
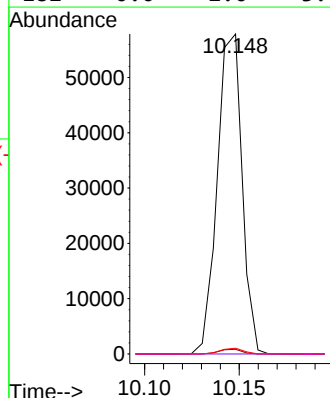
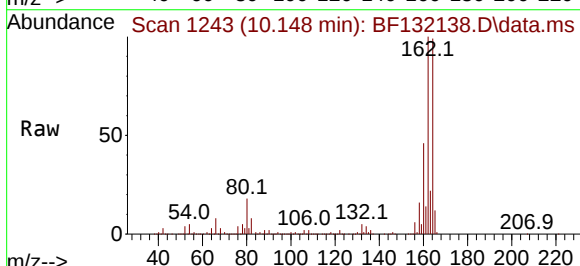
Ion Ratio Lower Upper

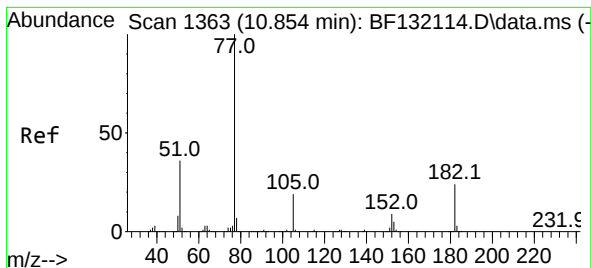
165 100

63 1.5 44.1 66.1#

89 1.8 69.3 103.9#

182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 3.277 ng

RT: 10.860 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

Instrument :

BNA_F

ClientSampleId :

PE-9

Tgt Ion: 77 Resp: 94717

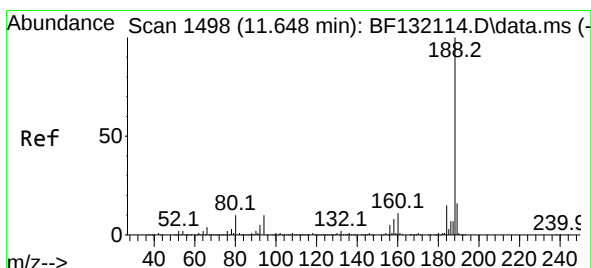
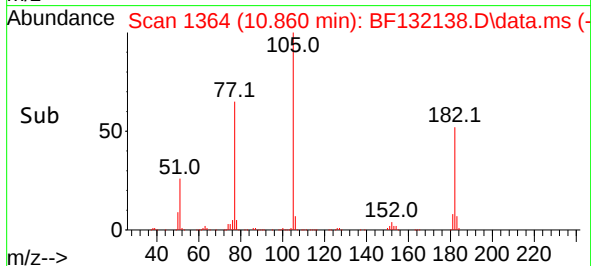
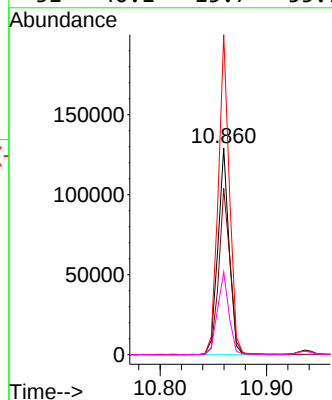
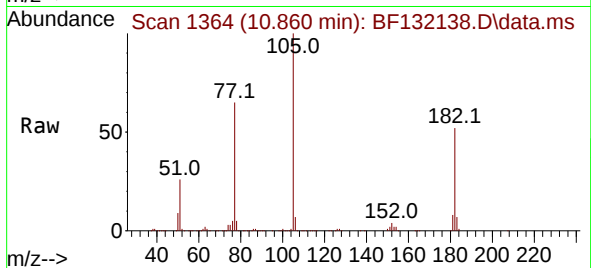
Ion Ratio Lower Upper

77 100

182 80.4 4.1 44.1#

105 154.8 0.0 39.1#

51 40.1 15.7 55.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.642 min Scan# 1497

Delta R.T. -0.006 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

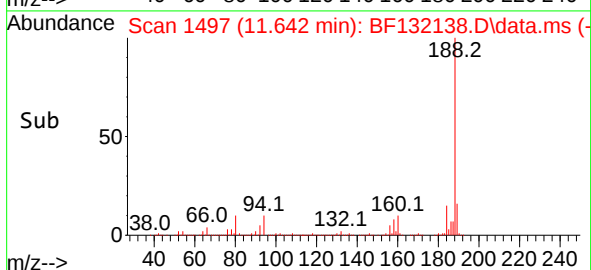
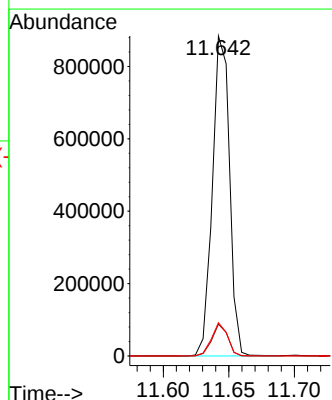
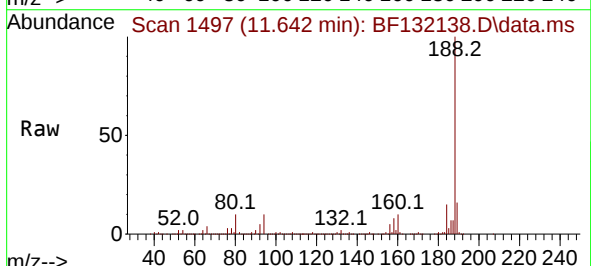
Tgt Ion: 188 Resp: 803905

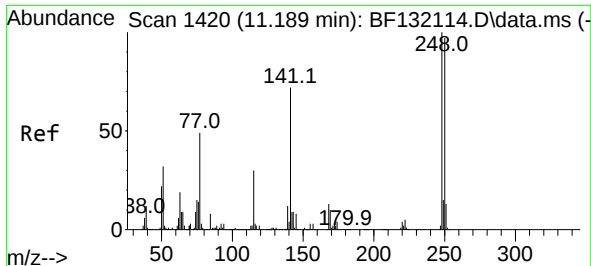
Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

80 10.4 8.2 12.4





#67

4-Bromophenyl-phenylether

Concen: 3.121 ng

RT: 10.942 min Scan# 11

Delta R.T. -0.247 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

Instrument :

BNA_F

ClientSampleId :

PE-9

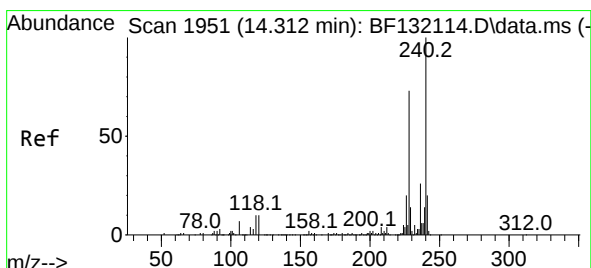
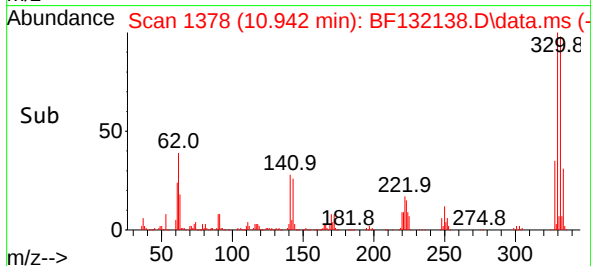
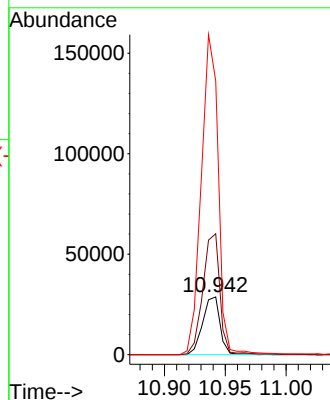
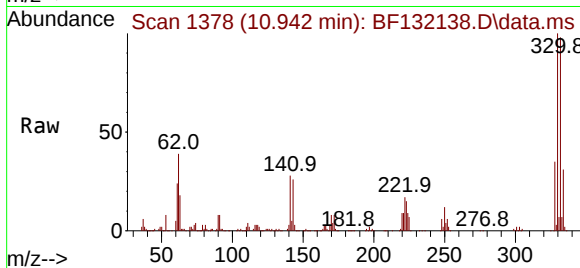
Tgt Ion:248 Resp: 28502

Ion Ratio Lower Upper

248 100

250 209.4 77.8 116.8#

141 474.0 57.6 86.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.307 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

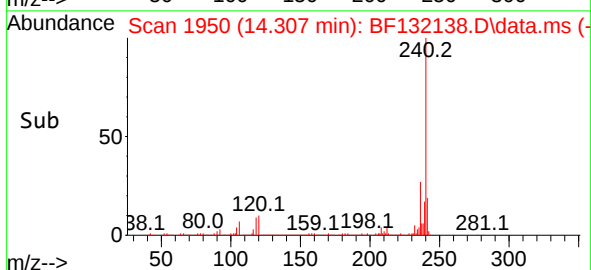
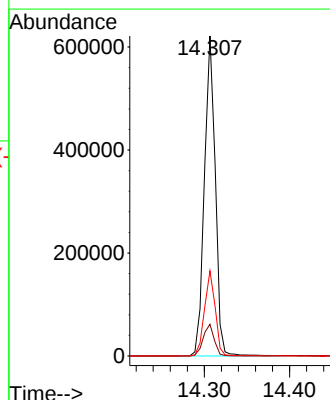
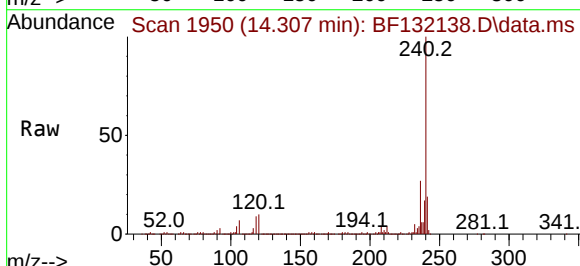
Tgt Ion:240 Resp: 552191

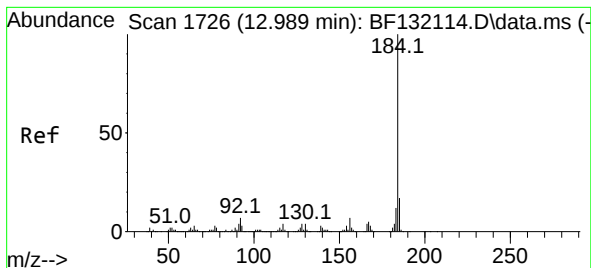
Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.4

236 26.6 21.2 31.8





#77

Benzidine

Concen: 2.110 ng

RT: 13.242 min Scan# 1769

Delta R.T. 0.253 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

Instrument :

BNA_F

ClientSampleId :

PE-9

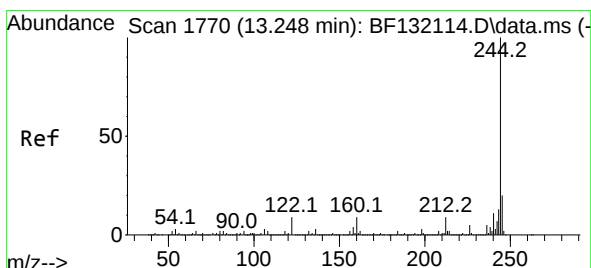
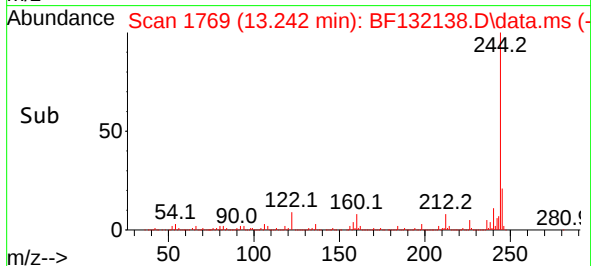
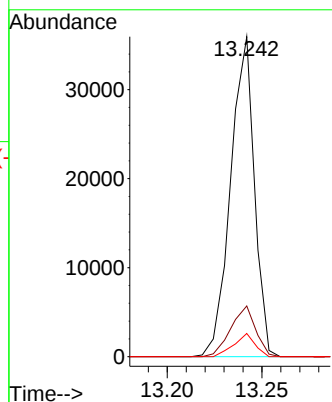
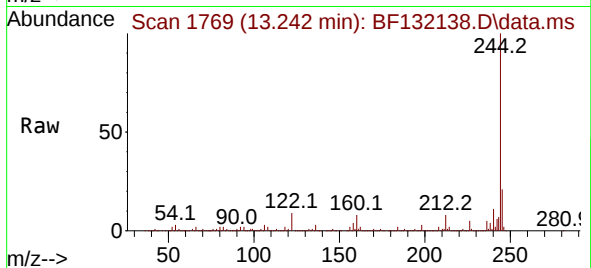
Tgt Ion:184 Resp: 31369

Ion Ratio Lower Upper

184 100

185 15.8 13.7 20.5

183 7.2 9.4 14.0#



#79

Terphenyl-d14

Concen: 57.171 ng

RT: 13.242 min Scan# 1769

Delta R.T. -0.006 min

Lab File: BF132138.D

Acq: 19 Jan 2023 01:56

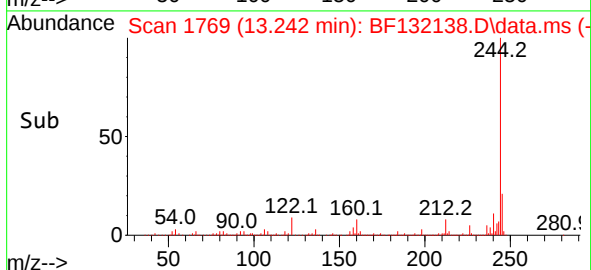
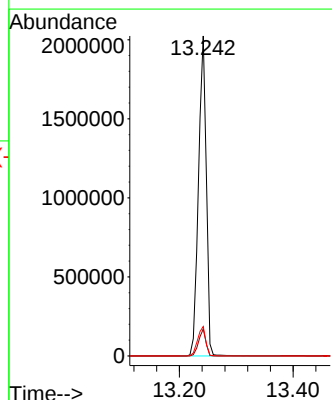
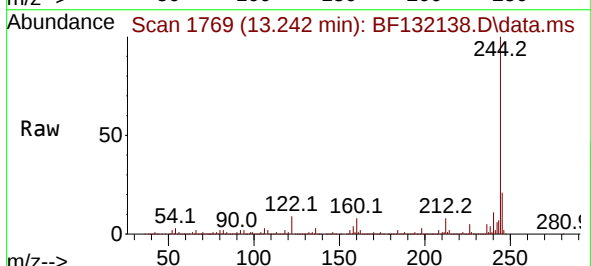
Tgt Ion:244 Resp: 1945674

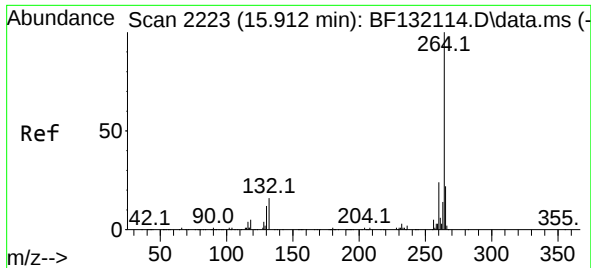
Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

122 9.2 7.0 10.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.906 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF132138.D
 Acq: 19 Jan 2023 01:56

Instrument :
 BNA_F
 ClientSampleId :
 PE-9

Tgt Ion:264 Resp: 472983
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 20.7 17.5 26.3

